

**PRELIMINARY ISSUE**

Accept



Setup Start



Stop



Cust Item ID:

Customer:

Run Start



Stop



Sta. 25/10

Start Qty: 1.00



Require 2/10/10

Req'd Qty: 1.00



Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

QC:

Date:

SPC (Y/N):

Date:

Sequence ID/  
Work Center ID

Operation  
Description

Set Up/  
Run Hours

Draw  
Number

Draw  
Rev.

Plan  
Code

Accept  
Qty

Reject  
Qty

Reject  
Number

Insp.  
Stamp

Draw Nbr

Revision Nbr

D3999

A-PRELIM

*Rev A*

0.00

100



Waterjet

FLOW CNC Waterjet

Memo

0.00

1-Cut as per Dwg (D3999-1)

Dwg Rev: *PRE*

Prog Rev: *Lim*

2-Deburr if necessary

*HB 10-1-27*

110



QC

Quality Control

QC2- Inspect parts off machine FAI/FAIB

0.00

Memo

0.00

*HB 10-1-27*

W/O:			WORK ORDER CHANGES				
DATE	STEP		PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

# Work Order ID 55648

January 26, 2010 2:54:38 PM



Page 2

Item ID: D3999-041

Revision ID:

Item Name: Baffle Assembly, Aft

Start Date: 1/25/10

Start Qty: 1.00

Required Date: 2/10/10

Req'd Qty: 1.00

Reference:

Accept



Setup Start



Stop



Cust Item ID:

Customer:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start



Stop



QC:

Date:

SPC (Y/N):

Date:

Sequence ID/  
Work Center ID

Operation  
Description

Set Up/  
Run Hours

Draw  
Number

Draw  
Rev.

Plan  
Code

Accept  
Qty

Reject  
Qty

Reject  
Number

Insp.  
Stamp

120

QC8- Inspect parts - second check

0.00

⇒ 8/10/12/26

(X2) f

QC

Memo

0.00

Quality Control

130

Bend as per dwg

0.00

8/10/02/03

(2)

Brake NC

Memo

0.00

Brake NC

Bend D3999-1 as per Dwg

140

QC5- Inspect part completeness to step on W/O

0.00

⇒ 8/10/02/05

(X2)

QC

Memo

0.00

Quality Control

W/O:			WORK ORDER CHANGES					
DATE	STEP		PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:			WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP		Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
				Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Work Order ID 55648

January 26, 2010 2:54:38 PM



Page 3

Item ID: D3999-041

Accept



Setup Start



Revision ID:

Stop



Item Name: Baffle Assembly, Aft

Start Date: 1/25/10 Start Qty: 1.00



Cust Item ID:

Required Date: 2/10/10 Req'd Qty: 1.00



Customer:

Reference:

Run Start



Approvals: Process Plan:

Date:

Tooling:

Date:

Stop



QC:

Date:

SPC (Y/N):

Date:

Sequence ID/  
Work Center ID

Operation  
Description

Set Up/  
Run Hours

Draw  
Number

Draw  
Rev.

Plan  
Code

Accept  
Qty

Reject  
Qty

Reject  
Number

Insp.  
Stamp

150



HandFinish

Chemical Conversion Coat per QSI005 4.1

0.00

Bl 10-02-05

2

0.00

Memo

Hand Finishing

170



QC

Quality Control

QC3- Inspect Part Finish

0.00

ll 10-02-05

X2

0.00

Memo

180



Small Fab

Small Fab

Memo

Assemble as per dwg

0.00

0.00

GB10/02/10 2

W/O:			WORK ORDER CHANGES					
DATE	STEP		PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

# Work Order ID 55648

January 26, 2010 2:54:38 PM

Page 4

Item ID: D3999-041

Accept

Revision ID:

Item Name: Baffle Assembly, Aft

Start Date: 1/25/10 Start Qty: 1.00

Required Date: 2/10/10 Req'd Qty: 1.00

Reference:

Approvals: Process Plan:

Date:

Tooling:

Date:

Run Start

QC:

Date:

SPC (Y/N):

Date:

Stop

Sequence ID/  
Work Center ID

Operation  
Description

Set Up/  
Run Hours

Draw  
Number

Draw  
Rev.

Plan  
Code

Accept  
Qty

Reject  
Qty

Reject  
Number

Insp.  
Stamp

190

QC5- Inspect part completeness to step on W/O

0.00



QC

Quality Control

Memo

0.00

\* See PTO for New A Day.  
8/10/04/22

8/10/04/11

(X2)

Pto →

200

Identify as per dwg & Stock Location: *Paul.*

0.00



Packaging

Packaging

Memo

0.00

*Shelf.*

*Jan 10.05.13*

(2)

Loc  
138B 10.6.255f①

210

QC21- Final Inspection - Work Order Release

0.00



QC

Quality Control

Memo

0.00

*11- test only  
① used on Test.*

10/06/28 *AF*

POSITIVE RECALL

EFFECTIVE *DD. 07* AUTH *u*

RELEASED

DATE *10.6.23* Qty 1  
: see attached E-mail.

*BS 10-4-14*

(2)

W/O: 55648

## WORK ORDER CHANGES

DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
		change from PA1 to Rev A. - has elementate qty + 1/2" hole + has more all dimensions for 1/2" holes on bottom of panel					

Part No: D3999-041 PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes ☐ No ☒ DQA: / Date: 10-06-23  
 Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR: 55648

## WORK ORDER NON-CONFORMANCE (NCR)

DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			
10.04.22	190	Due to changes from PA1 to Rev A all PA1 parts are non-conforming to new spec.	<u>BSI</u> 10/04/22	- Scrap All PA1 parts in stock Qty 2 See email: <u>10/04/22</u> Rev. A.	<u>N/A</u> 10/06/23	<u>/</u> 10/06/23	<u>BSI</u>	<u>S</u> 12/04/22

NOTE: Date &amp; initial all entries



# Picklist Print

January 26, 2010 2:54:37 PM

Page 1

Work Order ID: 55648

Parent Item: D3999-041

Parent Item Name: Baffle Assembly, Aft

Comments: IPP rev A 09.12.16 new issue Prelim EC verified by:DD

Start Date: 1/25/10

Required Date: 2/10/10

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	--------------------------	---------------	----------------	--------

D3999-5

Manufactured

No

180

Each

0.0000

2.0000

IB 5.5.6-4.4 - SN 10/02/10 (4)

Angle

M6061T6S.063

Purchased

No

100

sf

316.0657

2.3895

4.8

IB 10-1-27

6061-T6 .063 Sheet

## Warehouse

## Loc Qty

## Loc Code

### Location

Main Warehouse

MAT

316.0657211

110551

25.4841211

112939

2.5816

113608

288

113608

MS20470AD4-4

Purchased

No

180

Each

2,749.000

12.0000

Rivet, Universal Head

## Warehouse

## Loc Qty

## Loc Code

### Location

Main Warehouse

ST

2749

111359

88

112314

245

113368

2416

8/5/10/02/10

24

W/O:			WORK ORDER CHANGES					
DATE	STEP		PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:			WORK ORDER NON-CONFORMANCE (NCR)					
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

<b>DART AEROSPACE LTD</b>		<b>Work Order:</b> 55648
<b>Description:</b> Baffle Assembly Aft		<b>Part Number:</b> D3999-1
<b>Inspection Dwg:</b> D3999-1 Rev: PRE Lim		Page 1 of 1

### FIRST ARTICLE INSPECTION CHECKLIST

☒ First Article ☐ Prototype

Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
Ø .129	+ .005 - .001	.131	*			
Ø .500	+ .006 - .001	.502	*			
Ø .77	+ .010 - .001	.772	*			
Ø 3.346	+ .012 - .001	3.351	✓			
.80	+/- .030	.800	✓			
.71	+/- .030	.709	✓			
1.58	+/- .030	1.592	*			
2.66	+/- .030	2.659	✓			
3.94	+/- .030	3.940	✓			
4.72	+/- .030	4.725	✓			
5.43	+/- .030	5.433	✓			
6.30	+/- .030	6.300	✓			
8.66	+/- .030	8.660	*			
11.02	+/- .030	11.022	✓			
11.65	+/- .030	11.647	✓			
12.36	+/- .030	12.36	✓			
1.18	+/- .030	1.181	✓			
2.43	+/- .030	2.428	✓			
2.68	+/- .030	2.679	✓			
4.00	+/- .030	4.000	✓			
4.18	+/- .030	4.181	✓			
5.68	+/- .030	5.682	✓			
7.18	+/- .030	7.189	✓			

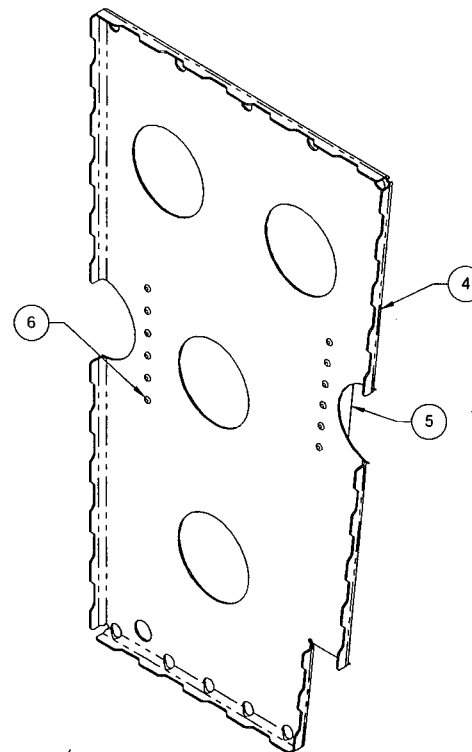
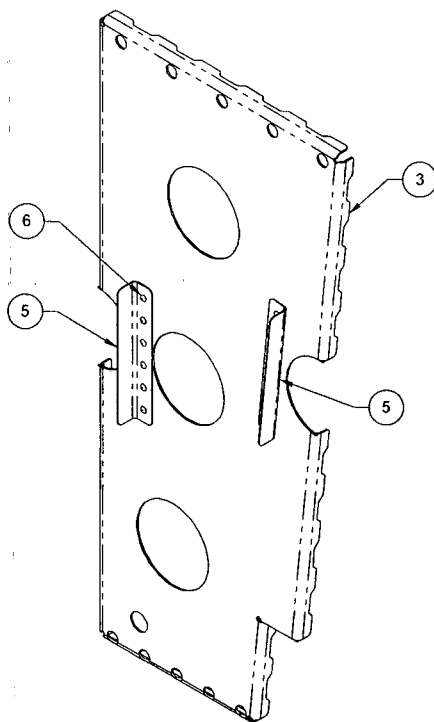
<b>Measured by:</b> RB	<b>Audited by:</b> S	<b>Prototype Approval:</b>	N/A
<b>Date:</b> 10-1-27	<b>Date:</b> 10/1/28	<b>Date:</b>	N/A

Rev	Date	Change	Revised by	Approved
A		New Issue	KJ/JLM	

PAGE 1



ITEM NO.	QTY. -041	QTY. -043	PART NUMBER	DESCRIPTION	JOHN CAMERON AVIATION PART NUMBER
1	X		D3999-041	BAFFLE ASSEMBLY, AFT	JCA-M47-1-02
2		X	D3999-043	BAFFLE ASSEMBLY, FWD	JCA-M47-1-03
3	1		D3999-1	BAFFLE	
4		1	D3999-3	BAFFLE	
5	2	2	D3999-5	ANGLE	
6	12	12	MS20470AD4	RIVET	



*WLO 55648*

**PRELIMINARY ISSUE**

09.10.07

- NOTES:
- 1) MATERIAL: N/A
  - 2) FINISH: N/A
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
  - 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D3999-041/-043" AND B/N USING FINE POINT PERMANENT INK MARKER
  - 7) WEIGHT (-041): 1.47 lbs
  - 8) WEIGHT (-043): 0.55 lbs

PA1	NEW ISSUE		09.10.07
REV.	DESCRIPTION	BY	DATE
DESIGN			
DRAWN			
CHECKED			
MFG. APPR.			
APPROVED			
DE APPR.			
DATE	09.10.07		

**DART AEROSPACE LTD**  
HAWKESBURY, ONTARIO, CANADA

DRAWING NO. **D3999** REV. PA1  
TITLE **BAFFLE** SCALE NTS

COPYRIGHT © 2009 BY DART AEROSPACE LTD  
THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.

W/O:			WORK ORDER CHANGES					
DATE	STEP		PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

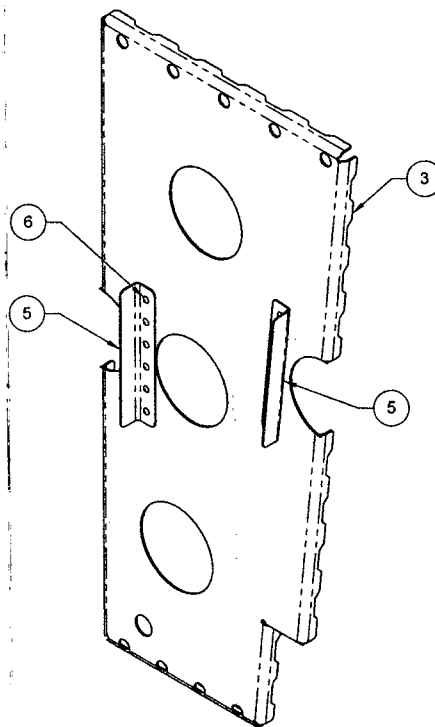
Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

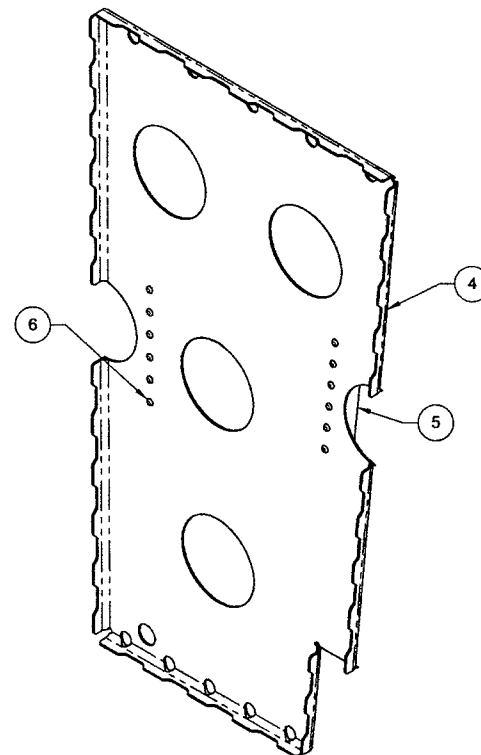
NCR:			WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP		Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
				Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

ITEM NO.	QTY. -041	QTY. -043	PART NUMBER	DESCRIPTION	JOHN CAMERON AVIATION PART NUMBER
1	X		D3999-041	BAFFLE ASSEMBLY, AFT	JCA-M47-1-02
2		X	D3999-043	BAFFLE ASSEMBLY, FWD	JCA-M47-1-03
3	1		D3999-1	BAFFLE	
4		1	D3999-3	BAFFLE	
5	2	2	D3999-5	ANGLE	
6	12	12	MS20470AD4	RIVET	



**D3999-041 BAFFLE ASSEMBLY, AFT**



**D3999-043 BAFFLE ASSEMBLY, FWD**

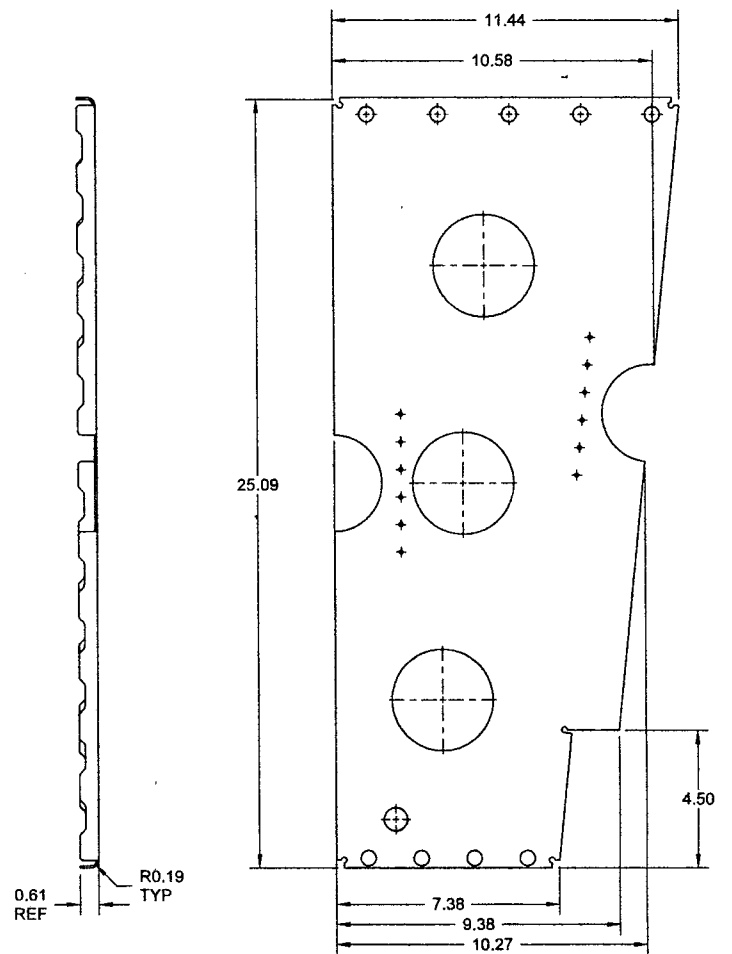
**NOTES:**

- 1) MATERIAL: N/A
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D3999-041/-043" AND B/N USING FINE POINT PERMANENT INK MARKER
- 7) WEIGHT (-041): 1.51 lbs
- 8) WEIGHT (-043): 1.84 lbs

A	NEW ISSUE		10.02.05
REV.	DESCRIPTION	BY	DATE
DESIGN			
DRAWN			
CHECKED			
MFG. APPR.			
APPROVED			
DE APPR.			
DATE	10.02.05		

<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWING NO. <b>D3999</b>	REV. A
TITLE <b>BAFFLE</b>	SCALE NTS
<small>COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	

DART AEROSPACE PART NUMBER	JOHN CAMERON AVIATION PART NUMBER
D3999-1	REF JCA-M47-1-02



**D3999-1 BAFFLE**

**NOTES:**

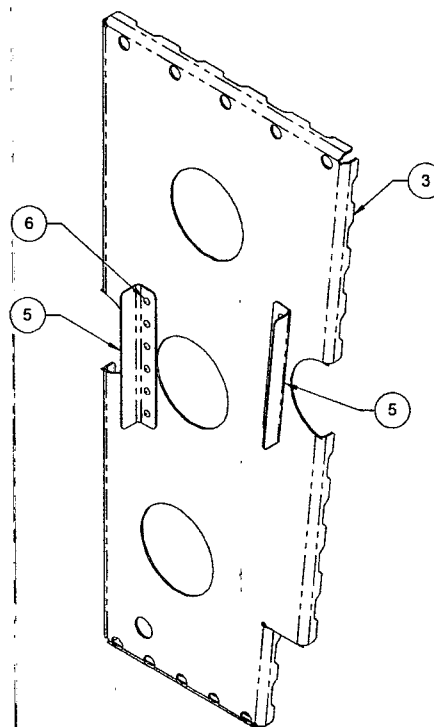
- 1) MATERIAL: MADE FROM D3999-1F
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 1.44 lbs

DESIGN		<b>DART AEROSPACE LTD</b>	
DRAWN	<i>JS</i>	HAWKESBURY, ONTARIO, CANADA	
CHECKED	<i>JS</i>	DRAWING NO.	REV. A
MFG. APPR.	<i>JS</i>	D3999	SHEET 2 OF 12
APPROVED	<i>JS</i>	TITLE	SCALE
DE APPR.	<i>JS</i>	BAFFLE	NTS
DATE	10.02.05	COPYRIGHT © 2010 BY DART AEROSPACE LTD	
THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.			

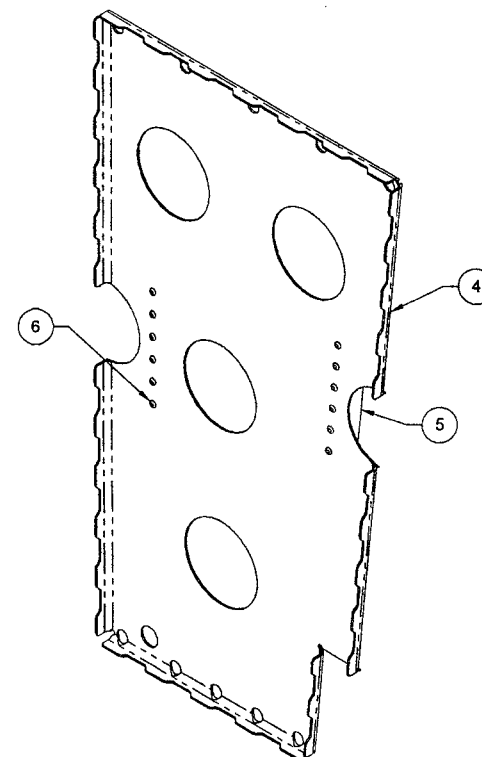




ITEM NO.	QTY. -041	QTY. -043	PART NUMBER	DESCRIPTION	JOHN CAMERON AVIATION PART NUMBER
1	X		D3999-041	BAFFLE ASSEMBLY, AFT	JCA-M47-1-02
2		X	D3999-043	BAFFLE ASSEMBLY, FWD	JCA-M47-1-03
3	1		D3999-1	BAFFLE	
4		1	D3999-3	BAFFLE	
5	2	2	D3999-5	ANGLE	
6	12	12	MS20470AD4	RIVET	



**D3999-041**



**D3999-043**

**PRELIMINARY ISSUE**

09.10.07

**NOTES:**

- 1) MATERIAL: N/A
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D3999-041/-043" AND B/N USING FINE POINT PERMANENT INK MARKER
- 7) WEIGHT (-041): 1.47 lbs
- 8) WEIGHT (-043): 0.55 lbs

PA1	NEW ISSUE		09.10.07
REV.	DESCRIPTION	BY	DATE
DESIGN			
DRAWN			
CHECKED			
MFG. APPR.			
APPROVED			
DE APPR.			
DATE	09.10.07		

**DART AEROSPACE LTD**  
HAWKESBURY, ONTARIO, CANADA

DRAWING NO. **D3999**

TITLE **BAFFLE**

REV. PA1

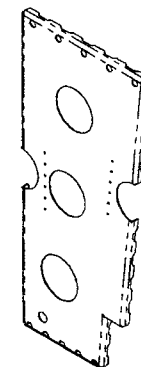
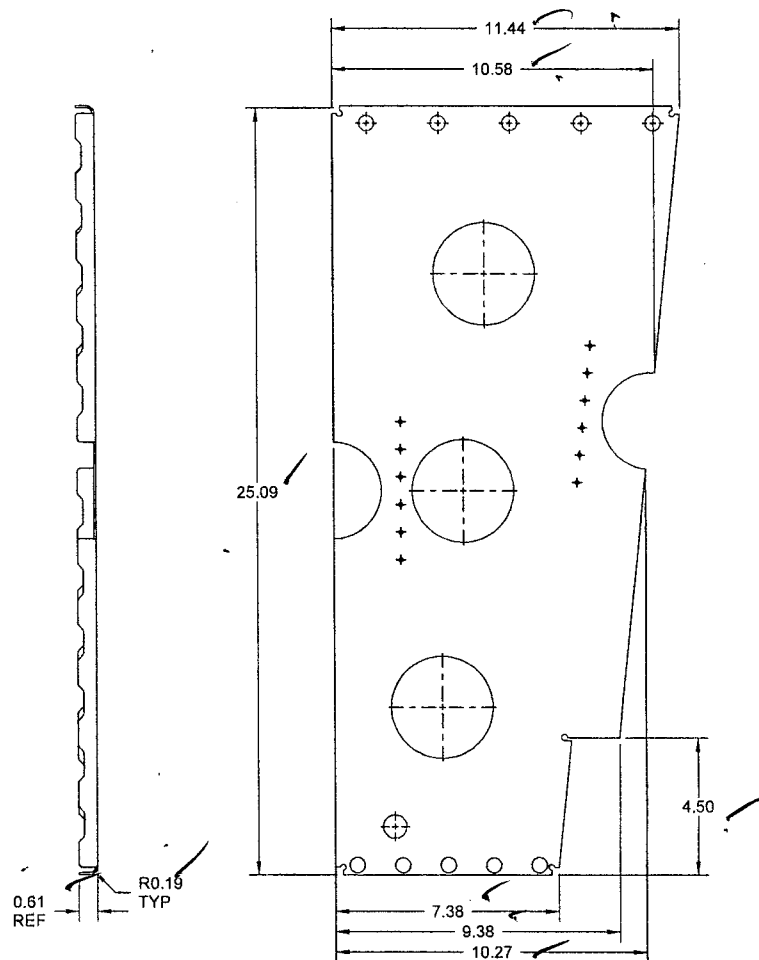
SHEET 1 OF 12

SCALE

NTS

COPYRIGHT © 2009 BY DART AEROSPACE LTD  
THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.

DART AEROSPACE PART NUMBER	JOHN CAMERON AVIATION PART NUMBER
D3999-1	REF JCA-M47-1-02



*See Rev A*

# **D3999-1 BAFFLE**

## **PRELIMINARY ISSUE**

09.10.07

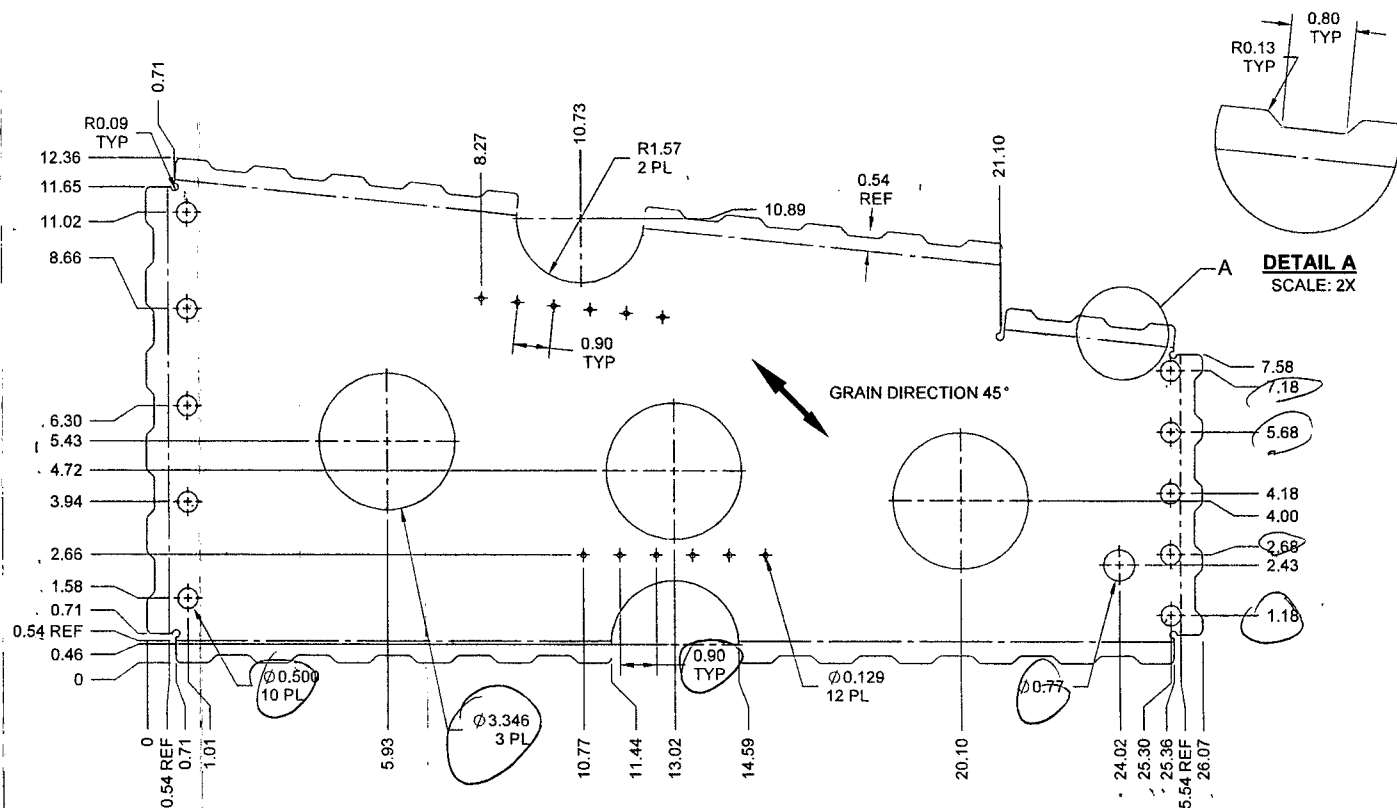
- NOTES:
- 1) MATERIAL: MADE FROM D3999-1F
  - 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
  - 6) IDENTIFICATION: N/A
  - 7) WEIGHT: 1.44 lbs

DESIGN  
DRAWN  
CHECKED  
MFG. APPR.  
APPROVED  
DE APPR.  
DATE 09.10.07

**DART AEROSPACE LTD**  
HAWKESBURY, ONTARIO, CANADA

DRAWING NO. REV. PA1  
**D3999**  
TITLE  
**BAFFLE**  
SHEET 2 OF 12  
SCALE  
NTS

COPYRIGHT © 2009 BY DART AEROSPACE LTD  
THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS  
NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT  
WRITTEN PERMISSION FROM DART AEROSPACE LTD.



# **D3999-1F FLAT PATTERN**

**PRELIMINARY ISSUE**

09.10.07

## **NOTES:**

- 1) MATERIAL: 6061-T6 (OR 6061-T62) ALUMINUM SHEET, 0.063 THICK  
PER AMS-QQ-A-250/11 OR AMS 4025 OR AMS 4027  
REF DART SPEC M6061T6S.063
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 1.44 lbs

DESIGN  
DRAWN  
CHECKED  
MFG. APPR.  
APPROVED  
DE APPR.  
DATE 09.10.07

**DART AEROSPACE LTD**  
HAWKESBURY, ONTARIO, CANADA

DRAWING NO. **D3999** REV. PA1  
TITLE **BAFFLE** SCALE NTS

COPYRIGHT © 2009 BY DART AEROSPACE LTD  
THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS  
NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT  
WRITTEN PERMISSION FROM DART AEROSPACE LTD.

# Receiving Report

Date: 10/01/11  
 Supplier: MAGNO

Batch No: 1113608  
 Dart P/O: 11060

Packing Slip: Yes ☒ No ☐  
 Invoice: Yes ☐ No ☒  
 Receipt: Cash ☐ Cr ☒

Release Note Attached: Yes ☒ No ☐ N/A ☐  
 Waybill Attached: Yes ☐ No ☒ N/A ☐  
 Shipment Complete: Yes ☒ No ☒ N/A ☒  
 QC6 Inspection ☒ 8 N/A ☒  
 Work Order 1 10/01/11 N/A ☒

## Discrepancies

Part Number	Description	Quantity Ordered	Quantity Received	Quantity Returned	Quantity Short	Comments

Initials of receiver (if shipment OK) Level 12   

Production/Admin: 10/01/11  
 Date     
 Received/Costing     
 Initial   

Location   

H:\FORMS\Purchasing\approved purch\RECREPORT Rev.D

L025694 6 PC/261 LB  
 NO N/A MAT'L

RECEIVED JAN 18 2010

208.00 SFT 4.5312 1,304.99

01/12/10 10:47:24

PST Exmp NO: EXEMPT

Merchandise:	2,160.99
Surcharges:	
No Tax Costs:	
GST	108.05
Total Due:	2,269.04

Q.S.T. # 1213236471

Title to the goods sent out on this invoice remains with Magna Stainless Div of CSM ULC until such time as this invoice has been paid in full. Unless otherwise noted terms are 30 days. Interest accrues on all overdue accounts at the rate of 1.5% per month compounded monthly.



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

\*\*\*PO REPRINT\*\*\*

Purchase Order ID PO11060

Purchase Order Date 1/07/10

PO Print Date 1/07/10

Page Number 2 of 2

Order From :

VC-MAG002

MAGNA STAINLESS  
5775 RUE-KIERAN  
ST LAURENT, QC H4S 0A3  
CA

Contact Name

Vendor Phone 800 363 6646

Vendor Fax 514 339 1105

Vendor Account Nbr

Buyer

Chantal Lavoie

Requisition Nbr

Tax Resale Nbr 10127-2607

Terms

Net 30

Currency

CAD

FOB

ALUMINUM SHEET  
AS PER QQ-A-250/11 OR AMS-QQ-A-  
250/11 OR AMS 4025  
AMS 4027 OR ASTM B209

5	M6061T6S.063	6061-T6 .063 Sheet	1/11/10	256.00	Yours ppd	\$4.5312	\$1,159.99
			Yes	sf			

Special Inst: MATERIAL SAME AS ABOVE

6	M2024T3S.080	2024-T3 .080 sheet	1/15/10	196.00	Yours ppd	\$10.9375	\$2,143.75
			Yes	sf			

Special Inst: MATERIAL: 2024-T3 ALUMINUM  
SHEET  
AS PER QQ-A-250/4 OR AMS-QQ-  
AA-250/4 OR  
AMS 4037 OR ASTM B209

7	M7075T6B1.000X1.000	7075 T6 BAR 1.00 x1.00	1/15/10	12.00	Yours ppd	\$16.2500	\$195.00
			Yes	f			

Special Inst: MATERIAL: 7075-T6/T651/T6511/T62  
ALUMINUM BAR PER AMS-QQ-A-  
225/9 OR AMS 4122/4123/4186/4187  
OR  
PER AMS-QQ-A-200/11

8	M304TS0.750W.049	304 SQ Tube .75x.75x.049W	1/15/10	100.00	Yours ppd	\$3.2500	\$325.00
			Yes	f			

MATERIAL CERTIFICATION  
REQ'D UPON DELIVERY

Special Inst: MATERIAL: 304 SEAMLESS  
SQUARE TUBING NO MILL FINISH

PO Total: \$4,831.66

Change Nbr: 2

Change Date: 1/07/10

No substitution or deviation without  
consent.  
Certificate of Conformity or Material  
Certification required when applicable

Novelis Inc.  
1 LAPPAN'S LANE  
P.O. BOX 2000  
KINGSTON, ONTARIO, CANADA K7L4Z5

CERTIFICATION OF PROPERTIES AND  
CHEMICAL ANALYSIS

SOLD TO:  
MANDEL METALS INC  
11400 ADDISON STREET

SHIP TO:  
MANDEL METALS INC  
11400 ADDISON STREET

FRANKLIN PARK IL  
60131

FRANKLIN PARK IL  
60131

PRINT DATE:  
2009/04/17

CUST PO: 02-11832

CUST PART #:

SALES ORDER: 66515340-0010

LOAD: HZ84

PACK: 52644221

COIL:

K05406A

NET WT: 9237 lbs

ALLOY: 6061

TEMPER: T6

GAUGE:

0.0630

in

WIDTH: 48.000 in

MECHANICAL SPECIFICATIONS: AMS-QQ-A-250/11-97 ASTM B209-02 AMS4027M

GAUGE LENGTH = 2.00 in

I certify that the materials detailed herein have been tested and that  
documentary evidence of the test or release certificate is on file.

Per

Process Leader

Location: FRONT END		UOM	TEMPER	TEST DATE
UTS	T:45.95	ksi	T6	17-APR-2009
YTS	T:38.17	ksi	T6	17-APR-2009
Elongation	T:13	%	T6	17-APR-2009
Tensile Thickness	T:0.0604	in	T6	17-APR-2009
Location: BACK END				
UTS	T:44.08	ksi	T6	17-APR-2009
YTS	T:37.08	ksi	T6	17-APR-2009
Elongation	T:12	%	T6	17-APR-2009
Tensile Thickness	T:0.0609	in	T6	17-APR-2009

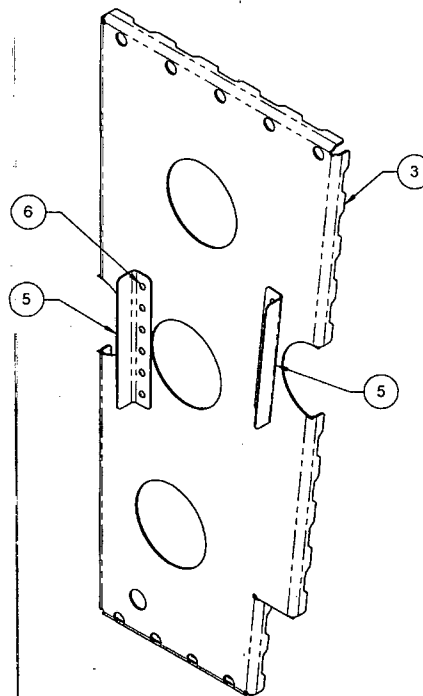
Chemistry

\*\*\*\*\* LAYER: 01 \*\*\*\*\*

Al 97.6900 Si 0.5500 Fe 0.4600 Cu 0.2200 Mn 0.0100 Mg 0.8800 Cr 0.1700 Ni 0.0000 Zn 0.0100  
Ti 0.0100 Be 0.0000 Pb 0.0000  
EACH: 0.0000 TOTAL: 0.0000

7004279

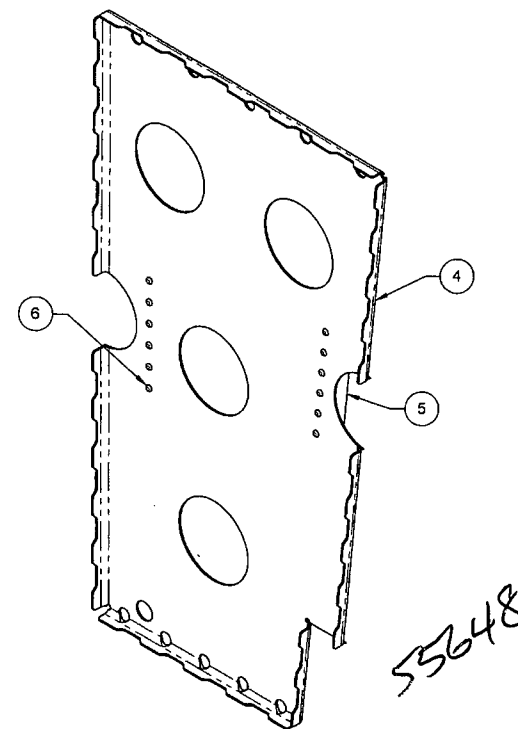
ITEM NO.	QTY. -041	QTY. -043	PART NUMBER	DESCRIPTION	JOHN CAMERON AVIATION PART NUMBER
1	X		D3999-041	BAFFLE ASSEMBLY, AFT	JCA-M47-1-02
2		X	D3999-043	BAFFLE ASSEMBLY, FWD	JCA-M47-1-03
3	1		D3999-1	BAFFLE	
4		1	D3999-3	BAFFLE	
5	2	2	D3999-5	ANGLE	
6	12	12	MS20470AD4	RIVET	



**D3999-041 BAFFLE ASSEMBLY, AFT**

**NOTES:**

- 1) MATERIAL: N/A
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D3999-041/-043" AND B/N USING FINE POINT PERMANENT INK MARKER
- 7) WEIGHT (-041): 1.51 lbs
- 8) WEIGHT (-043): 1.84 lbs



**D3999-043 BAFFLE ASSEMBLY, FWD**

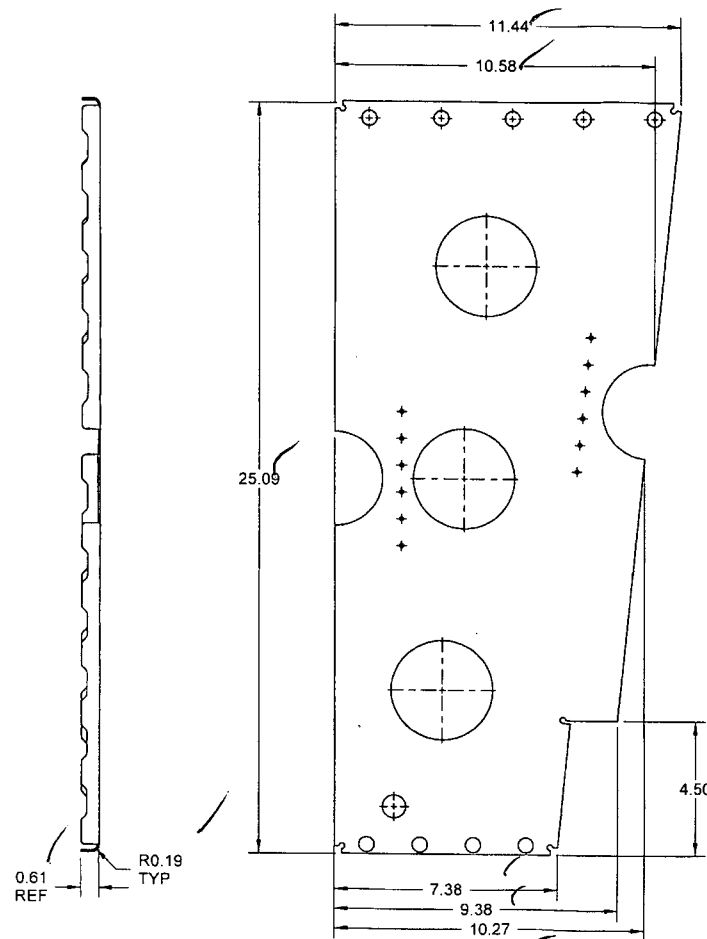
**RELEASED**  
2010-05-05

A	NEW ISSUE		10.02.05
REV.	DESCRIPTION	BY	DATE
DESIGN			
DRAWN			
CHECKED			
MFG. APPR.			
APPROVED			
DE APPR.			
DATE	10.02.05		

<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWING NO. <b>D3999</b>	REV. A
TITLE <b>BAFFLE</b>	SHEET 1 OF 12
SCALE NTS	
COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD	



DART AEROSPACE PART NUMBER	JOHN CAMERON AVIATION PART NUMBER
D3999-1	REF JCA-M47-1-02



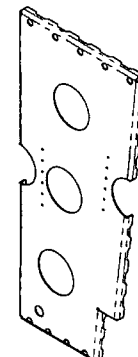
**D3999-1 BAFFLE**

- NOTES:
- 1) MATERIAL: MADE FROM D3999-1F
  - 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
  - 6) IDENTIFICATION: N/A
  - 7) WEIGHT: 1.44 lbs

DESIGN		<b>DART AEROSPACE LTD</b>	
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. A
MFG. APPR.		D3999	SHEET 2 OF 12
APPROVED		TITLE	SCALE
DE APPR.		BAFFLE	NTS
DATE	10.02.05	<small>COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE REPRODUCED OR FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD</small>	

**RELEASED**  
2010-05-05  
MD

55648



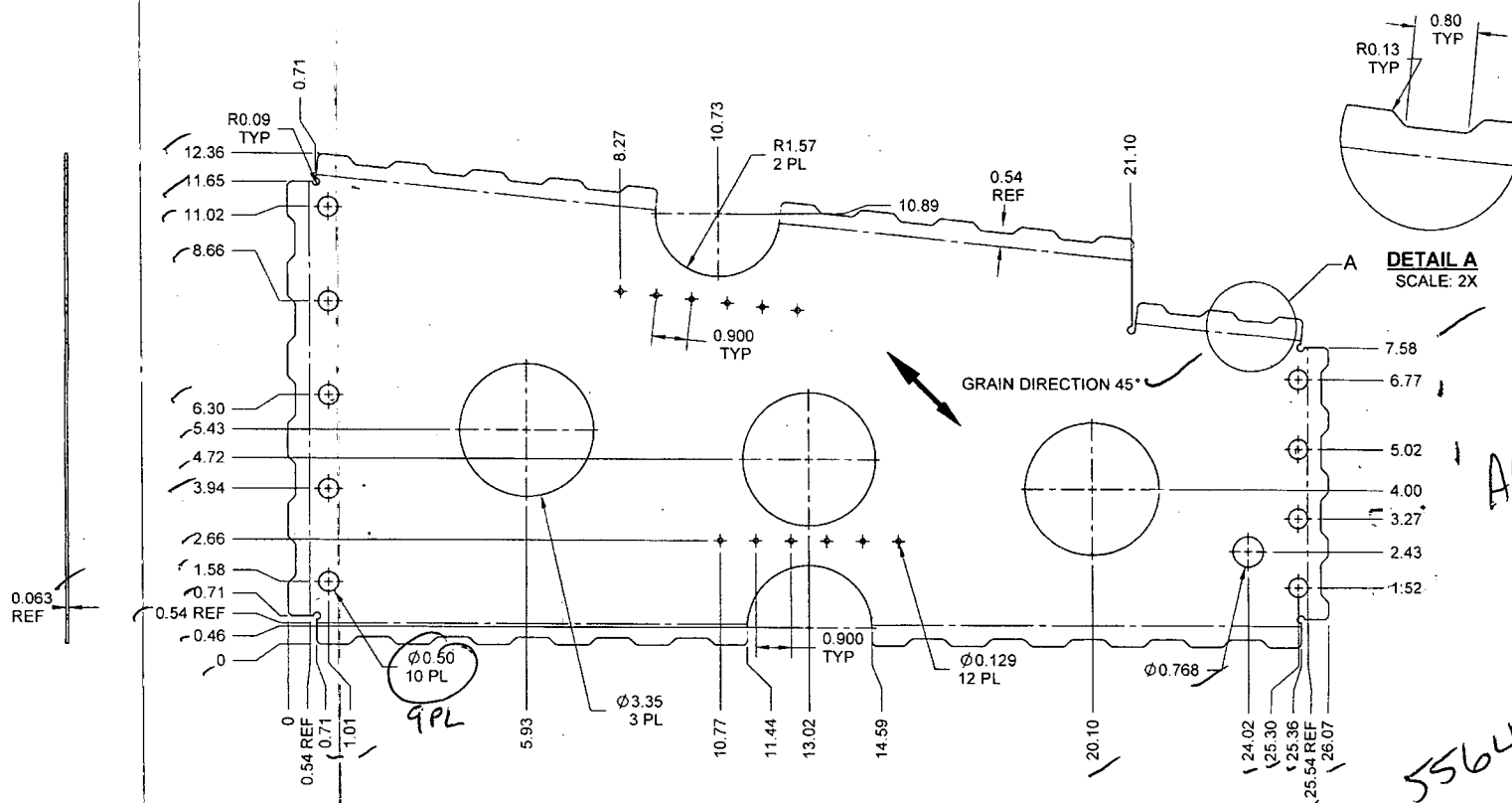
W/O:			WORK ORDER CHANGES					
DATE	STEP		PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:			WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP		Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
				Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries



Acceptable  
see attached  
P-mail

55648

RELEASED  
2010-05-05

# D3999-1F FLAT PATTERN

- NOTES:
- 1) MATERIAL: 6061-T6 (OR 6061-T62) ALUMINUM SHEET, 0.063 THICK  
PER AMS-QQ-A-250/11 OR AMS 4025 OR AMS 4027  
REF DART SPEC M6061T6S.063
  - 2) FINISH: N/A
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
  - 6) IDENTIFICATION: N/A
  - 7) WEIGHT: 1.44 lbs

DESIGN	<i>JS</i>	DART AEROSPACE LTD	
DRAWN	<i>JS</i>	HAWKESBURY, ONTARIO, CANADA	
CHECKED	<i>JS</i>	DRAWING NO.	REV. A
MFG. APPR.	<i>JS</i>	D3999	SHEET 3 OF 12
APPROVED	<i>JS</i>	TITLE	SCALE
DE APPR.	<i>JS</i>	BAFFLE	NTS
DATE	10.02.05	COPYRIGHT © 2010 BY DART AEROSPACE LTD	
THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COMBINED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD			

W/O:			WORK ORDER CHANGES					
DATE	STEP		PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:			WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP		Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
				Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

## Jason Murdoch

---

**From:** Harvey Siemens [hsiemens@dartaero.com]  
**Sent:** Thursday, June 24, 2010 9:41 AM  
**To:** Jason Murdoch  
**Cc:** Linda Lacelle; Mike Petsche  
**Subject:** Aux Tank Parts

Good morning Jason

The Aux Tank parts that conform to the latest preliminary issue of their respective drawings can be considered to conform to their appropriate released revision of the drawing. For your reference these revisions are listed below.

D3999-PA2 - D3999-Rev. A  
D4000-PA2 - D4000-Rev. A  
D4001-PS2 - D4001-Rev. A  
D4002-PA4 - D4002-Rev. A  
D4003-PA3 - D4003-Rev. A  
D4004-PA3 - D4004-Rev. A  
D4005-PA2 - D4005-Rev. A  
D4006-PA3 - D4006-Rev. A  
D4007-PA2 - D4007-Rev. A  
D4008-PA2 - D4008-Rev. A  
D4009-PA2 - D4009-Rev. A  
D4014-PA2 - D4014-Rev. A  
D4022-PA4 - D4022-Rev. A  
D4023-PA2 - D4023-Rev. A  
D4024-PA2 - D4024-Rev. A  
D4025-PA3 - D4025-Rev. A  
D4026-PA2 - D4026-Rev. A  
D4027-PA3 - D4027-Rev. A  
D4055-PA6 - D4055-Rev. A  
D4057-PA2 - D4057-Rev. A  
D4063-PA3 - D4063-Rev. A

Hope this helps you with your inspection duties. Give me a call if you have any questions in this regard.

Regards,

*Harvey Siemens*

Mechanical Designer  
DART Aerospace Ltd.

P: 403-717-0328  
F: 403-717-1288  
E: [hsiemens@dartaero.com](mailto:hsiemens@dartaero.com)  
W: [www.dartaero.com](http://www.dartaero.com)  
M: 1060 McTavish Road NE, Calgary, Alberta, T2E 7G6

The information contained in this transmission is privileged and confidential and intended only for the use of the individual or entity to whom it is addressed. If you are not the intended recipient, you are hereby notified that any distribution, copying, disclosure or taking of any action in reliance on the contents of this